



GAS REGULATOR STATION DETAIL

- SCALE: NONE
- NOTES FOR DESIGNER:
- (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)
- SEE SHEET 5.
 - VERIFY NATURAL GAS INLET PRESSURE AND SIZE REGULATOR ACCORDINGLY.

OUTLET PRESSURE	REGULATOR MAX. CAPACITY (SCFH) AT 0.6 S.G.	ORIFICE SIZE	SPRING NUMBER
FISHER REGULATOR S202 (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)			
7" WC	2090 4340	1/4 3/8	ID8927-27012 (BLACK)

FISHER REGULATOR S202H (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)			
1 TO 2 PSIG	2060 4270	1/4 3/8	1H9758-27032 (DARK BLUE)
1 1/2 TO 3 3/4 PSIG	2020 4200	1/4 3/8	1H9759-27032 (ORANGE)
2 TO 5 PSIG	1980 4100	1/4 3/8	IP6154-27142 (YELLOW)

KEYED NOTES:

- LANL'S SUPPORT SERVICES SUBCONTRACTOR (SSS) WILL FURNISH, INSTALL, AND ADJUST PRESSURE OF GAS REGULATOR.
- CONTRACTOR SHALL TERMINATE PIPING WITH A THREADED CAP OR PLUG AND ALLOW SUFFICIENT HORIZONTAL SPACE, 5-10 FEET, BETWEEN TERMINATION POINTS FOR INSTALLATION OF REGULATOR STATION.
- LOCATE REGULATORS NOT LESS THAN 10 FEET HORIZONTALLY FROM INTAKE AIR DEVICES (LOUVERS, FANS, ETC).
- BOND ABOVE GROUND PIPING TO ELECTRICAL GROUNDING SYSTEM. BOND TO GAS PIPING AT SUITABLE LOCATION DOWNSTREAM OF REGULATOR AND UPSTREAM OF GAS APPLIANCE SHUT-OFF VALVE. COMPLY WITH NEC.
- BOND GAS PIPING LOCATED WITHIN 6 FEET OF A LIGHTNING PROTECTION CONDUCTOR TO THE PIPING AT SUITABLE EXTERIOR LOCATION DOWN-STREAM OF REGULATOR.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN IN-SERIED INTO A DRAWING PACK-AGE).

ADTS - ENGINEERING DIVISION

NO	DATE	REV	DESCRIPTION	BY	CHKD	APPD	DATE
2	1-19-06	U	REVIEWED TITLE BLOCK DATA, AND ADTS - GENERAL REGION AND CMC NO. WAS	RP	MS	MS	EX TO
1	8-23-02	U	STATION	RP	MS	MS	EX TO
NO	DATE	REV	DESCRIPTION	BY	CHKD	APPD	DATE



PROJECT ID: CHAPTER 3

DRAWING NO: ST-G3060-2

REV: 2